

As a ham operator I strongly oppose the use of PLC systems.

As indicated below it has been studied in numerous countries outside the USA that indicate there is sufficient data to indicate harmful interference.

Because the wiring is physically large, often overhead and extends across entire communities, access PLC systems pose a significant interference potential to over-the-air radio services. Amateur Radio is not the only potentially affected service from these types of systems. There are a number of different techniques used in access PLC, from spread spectrum to OFDM (multi-carrier signals). Studies done by amateurs in Europe, Japan and the US leave little doubt that access PLC that uses overhead electrical distribution wiring poses an interference risk to HF.

Amateur Radio and other services will surely be interfered with if a PLC system is employed. All our HF frequencies need to be protected for homeland defence.